BRUHAT BANGALORE MAHANAGARA PALIKE
DASARAHALLI ZONE

Estimate Cost Rs. **50.00 Lakhs**

Name of Work: Construction of Park on Pipeline Road from Vijyashree School to Janapriya apartment Hesarghatta Main road Ward No.14.

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	Earthwork in surface excavation in Ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications.	Cum.							
	P. No. 5 / I. No. 2.2 PWD SR 2015-16		1	181.00	15.00	0.50	**1,357.50**	219.42	**297,863**
	Basic Rate	207.00							
	Area Weightage @ 6%	12.42							
	Total	**219.42**							
2	Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in Hard soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specifications.	Cum.							
	P. No. 05 / I. No. 2.4 PWD SR 2015-16		1	333.00	1.00	0.90	**299.70**		
	For Kerb fixing		1	637.40	0.30	0.30	**57.37**		
	For Drain		1	53.00	1.80	0.90	**85.86**		
	Sub Total						**442.93**	283.02	**125,357**
	Basic Rate	267.00							
	Area Weightage @ 6%	16.02							
	Total	**283.02**							
3	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40 mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregtes @ fine aggregtes @ 0.57 cum machine mixed, concrete laid in layers not exceeding 15 cms thick well compacted in foundation and plinth, cost of all materiasl, labour, HOM of machinery curing complete as per specificaton.	Cum.							
	P. No. 12 / I. No. 4.3 PWD SR 2015-16		1	333.00	1.00	0.20	**66.60**		
	For Kerb	Cum.	1	637.40	0.30	0.15	**28.68**		
	For Drain	Cum.	1	53.00	1.80	0.15	**14.31**		
	Basic Rate	4695.00					**109.59**	4,976.70	**545,411**

No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Area Weightage @ 6%	281.70							
	Total	**4976.70**							
4	Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.	Cum.							
	P. No. 23 / I. No. 5.6 PWD SR 2015-16		1	333.00	0.75	0.40	**99.90**		
	For Drain	Cum.	2	53.00	0.60	0.30	**19.08**		
							118.98	4,058.74	**482,909**
	Basic Rate	3829.00							
	Area Weightage @ 6%	229.74							
	Total	**4058.74**							
5	Providing and constructing granite / trap / basalt size stone masonry in Basement cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.	Cum.							
	P. No. 23 / I. No. 5.9 PWD SR 2015-16		1	333.00	0.60	0.40	**79.92**		
	For drain	Cum.	2	53.00	0.40	0.30	**12.72**		
							92.64	4,814.52	**446,017**
	Basic Rate	4542.00							
	Area Weightage @ 6%	272.52							
	Total	**4814.52**							
6	Providing and constructing granite / trap / basalt size stone masonry in Basement cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.	Cum.	1	333.00	0.60	0.40	**79.92**		
	P. No. 23 / I. No. 5.12 PWD SR 2015-16								
	Deduct for Poles Concrete		-139	0.40	0.40	0.40	**-8.90**		
	Sub Total						**71.02**	5,063.62	**359,639**
	Basic Rate	4777.00							
	Area Weightage @ 6%	286.62							
	Total	**5063.62**							

	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
7	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40 mm and down size graded granite metal coarse aggregates @ 0.892cum and fine aggregtes @ fine aggregtes @ 0.465 cum machine mixed, concrete laid in layers not exceeding 15 cms thick well compacted in foundation and plinth, cost of all materiasl, labour, HOM of machinery curing complete as per specificaton.	Cum.							
	P. No. 12 / I. No. 4.2 PWD SR 2015-16		1	333.00	0.40	0.15	**19.98**		
	For drain coping		2	53.00	0.40	0.15	**6.36**		
	Sub Total						**26.34**	5,139.94	**135,386**
	Basic Rate	4849.00							
	Area Weightage @ 6%	290.94							
	Total	**5139.94**							
8	Filling available excavated earth (excluding rock) insides of foundations upto plinth in layers not exceeding 20 cms. in depth,compacting each deposited layer by ramming after watering with leadupto 50 m. and lift upto 1.5 m. including cost of all labour complete asper specifications.	Cum.	1	333.00	0.45	0.15	**22.48**	127.20	**2859.00**
	P. No. 6 / I. No. 2.10 PWD SR 2015-16								
	Basic Rate	120.00							
	Area Weightage @ 6%	7.20							
	Total	**127.20**							
9	Providing and laying in position plain cement concrete of mix 1:2:4 with OPC cement @ 240 kgs, with 20 mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ fine aggregtes @ 0.459 cum machine mixed, concrete laid in layers not exceeding 15 cms thick well compacted in foundation and plinth, cost of all materiasl, labour, HOM of machinery curing complete as per specificaton.	Cum.	1	139.00	0.40	0.40	**8.90**	5389.04	**47962.00**
	P. No. 12 / I. No. 4.6 PWD SR 2015-16								
	Basic Rate	5084.00							
	Area Weightage @ 6%	305.04							
	Total	**5389.04**							

	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineer-in - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete)	Rmt.	139	2.45			**340.55**	973.08	**331,382**
	P. No. 255 / I. No. 37.2 PWD SR 2015-16								
	Basic Rate	918.00							
	Area Weightage @ 6%	55.08							
	Total	**973.08**							
11	Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint.	Rmt.	3	333.00			**999.00**	331.78	**331,448**
	P. No. 255 / I. No. 37.4 PWD SR 2015-16								
	Basic Rate	313.00							
	Area Weightage @ 6%	18.78							
	Total	**331.78**							
12	Providing chain link fencing 50mm size of 8 guage properly stretched between rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint	Sqm.	1	333.00		2.00	**666.00**	684.76	**456,050**
	P. No. 255 / I. No. 37.3 PWD SR 2015-16								
	Basic Rate	646.00							
	Area Weightage @ 6%	38.76							
	Total	**684.76**							

	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	providing ruled pointing to coursed stone mansonary with cement motor 1:3, 20mm deep after racking joints to depth of 20mm nicely lining, including cost or materials labour curing complete as per specifications.	Sqm.	1	333.00		0.45	**149.85**	97.52	**14,613**
	P. No. 112 / I. No. 15.3 PWD SR 2015-16								
	Basic Rate	92.00							
	Area Weightage @ 6%	5.52							
	Total	**97.52**							
14	Providing and fixing M.S. Gate as per Chief Architect Drawing, Sqm using 50mm x 50mm 14 guage M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x 16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S. flats for horizontal member and at the top cast iron spikes are provided at alternate vertical members as shown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, etc., complete as per specification.	Sqm.	1	7.20		2.00	**14.40**	3,238.30	**46,632**
	P. No. 42 / I. No. 7.37 PWD SR 2015-16								
	Basic Rate	3055.00							
	Area Weightage @ 6%	183.30							
	Total	**3238.30**							

	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
15	KSRB 14.6-1: Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries	Sqm.	1	315.40	1.75		**551.95**	916.90	**506,083**
	P. No. 101 / I. No. 14.6 PWD SR 2015-16								
	Basic Rate	865.00							
	Area Weightage @ 6%	51.90							
	Total	**916.90**							
16	Providing and fixing in position Pre Cast RCC Covering slab above the dtain	Sqm.	1	61.00	1.00		**61.00**	1,600.00	**97,600**
	Data rate Approved								
	Data rate Approved	1600.00							
	Total	**1600.00**							
17	KSRB 15-8.2 Providing and applying enamel metal paint two coats (excluding priming coat)on previously painted steel or other metal surface brushing to give an even shade after cleaning oil, graese, dirt and other foreign matter.including cost of all materials, labour, complete as per	Cum.	234.9	0.81			**515.97**	83.74	**43,207**
	P. No. 120 / I. No. 15.74 PWD SR 2015-16								
	Basic Rate	79.00							
	Area Weightage @ 6%	4.74							
	Total	**83.74**							

	Description of Items	Unit	No	L	B	D	Qty	Rate	Amount
	Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 of size 450x150x~~300~~ 450 mm and finished with CM 1:3 plastering and finishing cutting etc., complete. Page No. 25/ Item No. ~~5.29.2~~ 5.30/ PWD SR 2014-~~15~~ 16	114 & 165 mm Top and bottom width. No							
	All round		1	522.00			522.00	320.76	167436.00
		297.00					522.00	~~345.60~~	~~180403.00~~
	Basic Rate	~~320.00~~							
	Area Weightage @ 8%	~~25.60~~ 23.76							
	Total	~~345.60~~ 320.76							
12 (19)	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 10 Km a)Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b)Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c)Add loading and unloading Item No. 17.1 KSRRB M 100-1 Rs. 62.20 (P.135, I.no.18.57/1, PWD SR 2014-15) 16	Cum							
	Qty. Vide Item (2)						391.50		
	Deduct for Shrinkage @ 15%						-58.73		
							332.78	72.71	24195.00
	Basic Rate (Rs.2.0 x 1.28 x 2 kms)	5.12							
	Loading and Unloading Charges	62.20							
		67.32							
	Area Weightage 8%	5.39							
	Total	72.71							
13	10% KRIDL Charges + 1% Cess Chrges		8%				L.S		40,000.00 ~~550000.00~~
14	Miscellaneous and other unforeseen charges for Quality Control tests, photos and Videos							(+)	~~2958.09~~ ~~4965.00~~
							L.S		295809.00
								Total Rs.	5000000.00
	(Rupees Fifty Lakhs Only)								

CERTIFICATE

1 The Work spot has been inspected and the work found to be necessary
2 The Estimate is prepared as per the PWD SR 2014-15
3 The Provision made in estimate are adequate and essential
4 This area comes under BBMP limits.

Asst Engineer
Project Sub-Division

Asst Executive Engineer
Project Sub-Division
Dasarahalli Zone, BBMP

Executive Engineer
Dasarahalli Zone
BBMP

A/S

ನಂ. AC(DH)AS/08/15-16 ದಿನಾಂಕ : 19/03/16

ರೂ. 50.00 lakhs (Rupees Fifty lakhs only)

ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ

Page No. 25
Sl. No. 08.

ಅಪರ ಆಯುಕ್ತರು
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

ನಂ. EEDZ/TS/120/15-16 Pg 107 ದಿನಾಂಕ : 19/03/2016.

ರೂ. 5000000/- ರು. ಮಿಲಿಯನ್ ಲಕ್ಷ

ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.

ತಾಂತ್ರಿಕ ಸಹಾಯಕರು

ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.